



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

RBE350A94-2706-00-01
Job Sheet 196129



Part No: RBE350A94-2706-00-01

Job Qty: 32 pcs

Part Name: Pin



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 6/7/19

Job Tracking No:

Due Date: 6/28/19

Created By: Marie Lajeunesse

Type: Stock

Description: SIOP

Note: DWG RBE350A94-2706-00 REV 6 IPP REV A 18-01-16 NEW ISSUE JFC VERIFIED DP

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier	Sign-off
					Setup Hrs	Run Hrs		
110	Small Fab - 1	32 pcs	6/28/19		0.00	2.13	Small Fab - 1	
							Small Fab - 2	MLL
							Small Fab - 3	
							Small Fab - 4	
							Small Fab - 5	
							Small Fab - 6	
							Small Fab - 7	
120	QC 5	32 pcs	6/28/19		0.00	0.00	QC 5 - 10	
							QC 5 - 12	
							QC 5 - 17	
							QC 5 - 18	
							QC 5 - 19	
							QC 5 - 22	
							QC 5 - 24	
							QC 5 - 3	
							QC 5 - 43	
							QC 5 - 49	
							QC 5 - 51	
							QC 5 - 58	
							QC 5 - 68	
							QC 5 - 9	
							QC 5 - 50	
							QC 5 - 30	
							QC 5 - 40	
121	Outsource - 12 - Black Oxide	32 pcs	6/28/19				GRO002-VC 10	DAS 40 JUL 08 2019 KH 2019-07-10
123	Packaging 2-1 - Receive - B4B	32 pcs	6/28/19		0.00	0.00	Packaging 2 - 1 - B4B	
							Packaging 2 - 2 - B4B	
							Packaging 2 - 3 - B4B	
							Packaging 2 - 5 - B4B	JUL 22 2019
							Packaging 2 - 4 - B4B	
							Packaging 2 - 6 - B4B	



Container No: S196454



Part: RBE350A94-2706-00-01

Job No: 196129

Serial No/Batch: S196454

Revision: 6

Inspector:

Exp Date:

Instructions:

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL.: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Date: 07/08/19

Plex 7/8/19 7:48 AM dart.boucher.sylvie

				Packaging 2 - 7 - B4B	
				Packaging 2 - 8 - B4B	
				Packaging 2 - 9 - B4B	
				Packaging 2 - 10 - B4B	
				Packaging 2 - 11 - B4B	
				Packaging 2 - 12 - B4B	
				Packaging 2 - 13 - B4B	
				Packaging 2 - 14 - B4B	
				Packaging 2 - 15 - B4B	
				Packaging 2 - 16 - B4B	
				Packaging 2 - 17 - B4B	
				Packaging 2 - 18 - B4B	
				Packaging 2 - 19 - B4B	
				Packaging 2 - 20 - B4B	
				Packaging 2 - 21 - B4B	
				Packaging 2 - 22 - B4B	
				Packaging 2 - 23 - B4B	
				Packaging 2 - 24 - B4B	
				Packaging 2 - 25 - B4B	
				Packaging 2 - 26 - B4B	
				Packaging 2 - 27 - B4B	
				Packaging 2 - 28 - B4B	
				Packaging 2 - 29 - B4B	
				Packaging 2 - 30 - B4B	
				Packaging 2 - 31 - B4B	
				Packaging 2 - 32 - B4B	
				Packaging 2 - 33 - B4B	
				Packaging 2 - 34 - B4B	
				Packaging 2 - 35 - B4B	
				Packaging 2 - 36 - B4B	
125	QC 6	32 pcs	6/28/19	0.00 0.00	QC 6 - 9
					QC 6 - 68
					QC 6 - 61
					QC 6 - 40
127	Small Fab - 2 - B4B	32 pcs	6/28/19	0.00 2.67	Small Fab - 1 - B4B
					Small Fab - 2 - B4B
					Small Fab - 3 - B4B
					Small Fab - 4 - B4B
					Small Fab - 5 - B4B
					Small Fab - 6 - B4B
					Small Fab - 7 - B4B
129	QC 5	32 pcs	6/28/19	0.00 0.00	QC 5 - 10
					QC 5 - 12
					QC 5 - 17
					QC 5 - 18
					QC 5 - 19
					QC 5 - 22
					QC 5 - 24
					QC 5 - 3
					QC 5 - 43
					QC 5 - 49
					QC 5 - 51
					QC 5 - 58
					QC 5 - 68
					QC 5 - 9
					QC 5 - 50
					QC 5 - 30
					QC 5 - 40
130	Packaging 3 - 1 - Stock - B4B	32 pcs	6/28/19	0.00 0.00	Packaging 3 - 1 - B4B

				Packaging 3 - 2 - B4B	
				Packaging 3 - 3 - B4B	
				Packaging 3 - 4 - B4B	
				Packaging 3 - 5 - B4B	DAS
				Packaging 3 - 6 - B4B	28
				Packaging 3 - 7 - B4B	9-89
				Packaging 3 - 8 - B4B	
				Packaging 3 - 9 - B4B	
				Packaging 3 - 10 - B4B	
				Packaging 3 - 11 - B4B	
				Packaging 3 - 12 - B4B	
				Packaging 3 - 13 - B4B	
				Packaging 3 - 14 - B4B	
				Packaging 3 - 15 - B4B	
				Packaging 3 - 16 - B4B	
				Packaging 3 - 17 - B4B	
				Packaging 3 - 18 - B4B	
				Packaging 3 - 19 - B4B	
				Packaging 3 - 20 - B4B	
				Packaging 3 - 21 - B4B	
				Packaging 3 - 22 - B4B	
				Packaging 3 - 23 - B4B	
				Packaging 3 - 24 - B4B	
				Packaging 3 - 25 - B4B	
				Packaging 3 - 26 - B4B	
				Packaging 3 - 27 - B4B	
				Packaging 3 - 28 - B4B	
				Packaging 3 - 29 - B4B	
				Packaging 3 - 30 - B4B	
				Packaging 3 - 31 - B4B	
				Packaging 3 - 32 - B4B	
				Packaging 3 - 33 - B4B	
				Packaging 3 - 34 - B4B	
				Packaging 3 - 35 - B4B	
				Packaging 3 - 36 - B4B	
140	QC 21 - SA	32 pcs	6/28/19	0.00 0.00	QC 21 - SA - 21
					QC 21 - SA - 70
					QC 21 - SA - 53

Part Op 110 - Small Fab-3 (Small Fab) -Assemble as per DWG. Sheet 2 -Loctite 680 B 5166705 Exp: 11/01/2010
 Descriptions: 120 - QC5 (QC5- Inspect part completeness to step on W/O)
 121 - -Issue P/O to Groupe Altech; PO 43957 -Black oxide finish, MIL-C-13924C Class 1 -Certificate of Conformity is required
 123 - Packaging2 (Receive & Inspect for Damage & Mat'l Certs)Receive
 125 - QC6 (QC6- All purchased or subcontracted products)
 127 - Small Fab-8 (Small Fab) -Fabricate lanyard 6" inch and Assemble as per DWG
 129 - QC5 (QC5- Inspect part completeness to step on W/O)
 130 - Packaging3-1 (Identify as per dwg & Stock Location: _____)
 140 - QC21 (QC21- Final Inspection - Work Order Release)

Job BOM

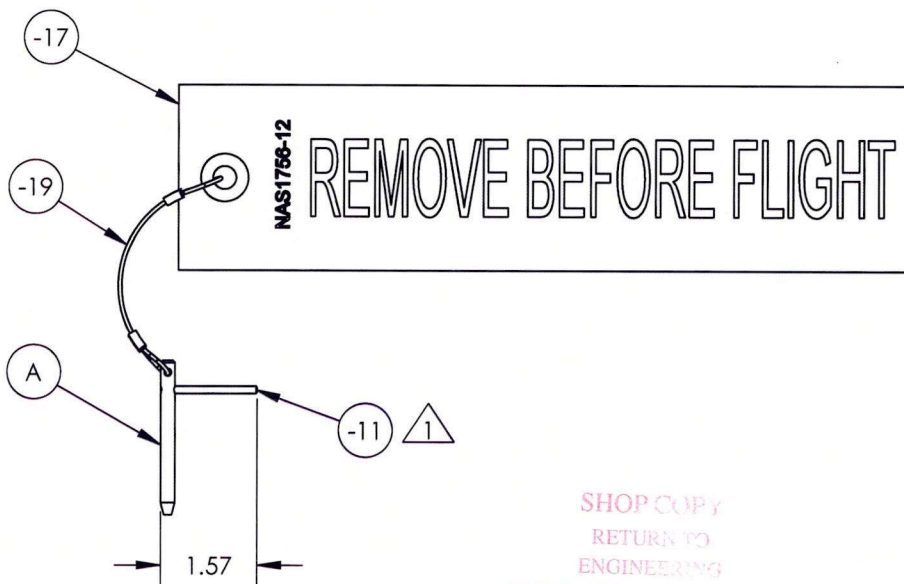
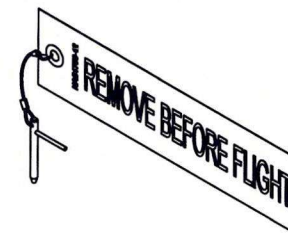
Part / Item	Component Name	Quantity	Operation	Container
51 91595A142	Dowel Pin Ø3mm x 40mm	32 Ea (1 ea)	110-Small Fab - 1	<u>5166550</u>
141A RBE350A94-2706-00-01A	Pin Shaft	32 pcs (1 ea)	110-Small Fab - 1	<u>20x5191998</u> 12x <u>5192108</u>
3896T31	Ferule 1/16 X 3/8" - Aluminum	64 Ea (2 ea)	127-Small Fab - 2 - B4B	<u>40x5180824</u> 24x <u>518137</u> 368
CL-2-C	Lanyard Wire	16 ft (.5 ea)	127-Small Fab - 2 - B4B	<u>5190004</u>
NAS1756-12	Remove Before Flight	32 Ea (1 ea)	127-Small Fab - 2 - B4B	<u>5055799</u>

Job Allocations				
Operation	Component Part	Required	Inventory	Allocated
110-Small Fab - 1	91595A142	32	53	0
	RBE350A94-2706-00-01A	32	88	0
127-Small Fab - 2 - B4B	3896T31	64	559	0
	CL-2-C	16	1,252	0
	NAS1756-12	32	154	0
Part Specifications				
Specifications could not be found.				

Plex 7/8/19 7:48 AM dart.boucher.sylvie

This drawing, specifications, and concepts contained here in are the sole property of Dart Aerospace, and may not be reproduced or used in any fashion without the prior written permission of Dart Aerospace Eugene, OR.

REVISIONS							
REV	ECR	DESCRIPTION			DATE	INITIAL	APPROVED
6	16-0281	-01, -03, -05, -07, -09 ADDED FINISH SPEC QSMI-6.2.2, B.O. REV D. ADDED -17, -19, NOTE Δ.			1/12/2017	RJC	JAG



ASSY P/N	A P/N
-01	-01A
-03	-03A
-05	-05A
-07	-07A
-09	-09A

SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 190179 MJS
1906-07

NOTE:

1 USE LOCTITE 680 TO ASSEMBLE.

DART AEROSPACE	
TITLE RIGGING PIN SET	
DWG NO. RBE350A94-2706-00-01	REV 6
MAT'L HEAT TREAT FINISH BLACK OXIDE SPEC QSMI-6.2.2, B.O. REV D	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± 5° .X ± .1 SURFACES = 125°
DRAWN BY: PERRITT CHECKED: DUERFELDT OPPS APPR: ANDERSON QA APPR: LINDSAY APPROVED: GILBERT	1. BREAK ALL SHARP EDGES 2. DIMENSIONAL LIMITS APPLY 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
SCALE 1:3	DATE 9/11/2009
SHEET 2 OF 3	

-01, -03, -05, -07, -09

PIN

Entered: _____ Date: _____



WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. _____

Route update only ☐

Job: _____ Part No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐	DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Eng. (Non-AW) ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Engineering ☐ Water Jet ☐ Supplier ☐ Quality ☐			
Date : _____	Sequence #: _____	QTY Affected : _____		MRB (QSI042)	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor	
				QC / QA Coordinator	
Root Cause Operator ☐ Manufacturing Process ☐ Equip/Tooling ☐ Handling/Preservation ☐ Material ☐ Product Improvement ☐ Process Improvement ☐ Human Factors ☐		FAULT CATEGORY ☐ Pressure/Forced ☐ Bending ☐ Crushing ☐ Cracks ☐ Crimp/Kink/Ripple/Wave/Twist ☐ Marks/Chatter ☐ Mislabeled ☐ Contamination ☐ Misaligned/off center ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Incomplete/Unclear Instructions ☐ Drill Holes ☐ Fit/Function ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain Direction ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set/Set-up ☐ Positioned Wrong ☐ Outside Tolerance ☐ Drawing ☐ Finish ☐ Part Lost/Missing ☐ Misread			
Other/Details:					



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER

POHB043957



Supplier: GRO002-VC
Group Altech
2455 Halpern
St Laurent
QC
H4S 1N9 Canada
Phone: 514-335-3666
Fax: 514-335-3868

Attention: Grenon, Sylvie

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: POHB043957

PO Date: 7/9/19

Due Date: 7/17/19

**Purchase Order
Revision:**

Revision Date:

Ship-To Contact: Phone:

Via: Ground

Pymt Terms: Net 60

Freight Terms:

Special Comments:

E-MAILED
2019-07-19

Items

Line Item	Job	Part	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	R197342	RBE350A94-3700-C-01	Tube -Issue P/O; -Black oxide finish, MIL-C-13924C Class 1 -Apply thin layer of oil/CPC per MIL-PRF-16173 Grade 3 Class 1 or MIL-C-81309 Type III Or MIL-C23411A or MIL-PRF-81309 and wipe off excess. -Material type; A513 -Certificate of Conformity is required	Firmed	-	7/17/19	7 pcs	0 pcs	7 pcs	\$0.01/pcs	\$0.07
2	195959	RB877206-5-1	Shaft Outsource12 (Outside Processing - Black Oxide) 1- Issue P/O to Groupe Altech; PO 2- Black oxide finish, MIL-C-13924C Class 1 3- Certificate of Conformity is required	Firmed	-	7/17/19	8 pcs	0 pcs	8 pcs	\$2.25/pcs	\$18.00



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER

POHB043957



Items											
Line Item	Job	Part	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
3	195944	RBD29905-11	Short Center Pin (Outside Processing - Black Oxide) -Issue P/O to Groupe Altech; PO _____ -Black oxide finish, MIL-C-13924C Class 1 -Certificate of Conformity is required	Firmed	-	7/17/19	8 pcs	0 pcs	8 pcs	\$1.75/pcs	\$14.00
4	195945	RBD29905-13	Long Center Pin -Issue P/O to Groupe Altech; PO _____ -Black oxide finish, MIL-C-13924C Class 1 -Certificate of Conformity is required	Firmed	-	7/17/19	8 pcs	0 pcs	8 pcs	\$1.90/pcs	\$15.20
5	196129	RBE350A94-2706-00-01	Pin -Issue P/O to Groupe Altech; PO _____ -Black oxide finish, MIL-C-13924C Class 1 -Certificate of Conformity is required	Firmed	-	7/17/19	32 pcs	0 pcs	32 pcs	\$2.50/pcs	\$80.00
6	196184	RBIR7028-1	Receiver (Outside Processing - Black Oxide) -Issue P/O to GROUPE ALTECH; PO _____ -Black oxide finish, MIL-C-13924C Class 1 -Apply thin layer of oil/CPC per MIL-PRF-16173 Grade 3 Class 1 or MIL-c-81309 Type III or MILL-C23411A or MIL-PRF-81309 and wipe off excess. -Material type; 1018 -Certificate of Conformity is required	Firmed	-	7/17/19	9 pcs	0 pcs	9 pcs	\$3.40/pcs	\$30.60

8 X JUL 22 2019

8 X JUL 22 2019

32 X JUL 22 2019

9 X JUL 22 2019

DAS
81
9-89



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER

POHB043957



Items											
Line Item	Job	Part	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
7	196185	RBIR7028-3	Remover / Installer (Outside Processing - Black Oxide)-Issue P/O to GROUPE ALTECH; PO _____ -Black oxide finish, MIL- C-13924C Class 1 -Apply thin layer of oil/CPC per MIL-PRF- 16173 Grade 3 Class 1 or MIL-c-81309 Type III Or MILL-C23411A or MIL-PRF-81309 and wipe off excess. -Material type; 4140 -Certificate of Conformity is required	Firmed	-	7/17/19	9 pcs	0 pcs	9 pcs	\$2.35/pcs	\$21.15
8	196186	RBIR7028-5	Alignment Seat (Outside Processing - Black Oxide) -Issue P/O to GROUPE ALTECH; PO _____ -Black oxide finish, MIL- C-13924C Class 1 -Apply thin layer of oil/CPC per MIL-PRF- 16173 Grade 3 Class 1 or MIL-c-81309 Type III Or MILL-C23411A or MIL-PRF-81309 and wipe off excess. -Material type; 4140 -Certificate of Conformity is required	Firmed	-	7/17/19	9 pcs	0 pcs	9 pcs	\$2.80/pcs	\$25.20
Grand Total:											\$204.22



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER

POHB043957



Order Notes

Procurement Quality Clauses

A005 right of entry
A012 chemical and physical test report
A016 personnel qualification
A017 raw material identification (as applicable)

A022 Apical Processing
A024 process certifications
A026 certification of material conformance

A041 quality management system
A042 dart notification by supplier
A043 retention of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 7/19/19 11:00 AM Dart.Guerin.Kimberley



Certificat de Conformité / Certificate of Compliance

(020660-1)

2455, Rue Halpern | Saint-Laurent | Québec | H4S 1N9
 Tel: 514-335-3666 Fax: 514-335-3868
 www.groupaltech.com

Bon de Livraison / Packing Slip

020660 - 1

Livré à / Ship to

DART AEROSPACE LTD
 1270 ABERDEEN STREET
 HAWKESBURY, ON, K6A1K7
 CANADA
 Tel.: 613-632-5200 Fax.:

Client / Customer:

DART AEROSPACE LTD
 1270 ABERDEEN STREET
 HAWKESBURY, ON, K6A1K7
 CANADA
 BUYER:

Date expédition Ship date		Créé Par Generated By	Transport / No de Compte Courier / Acc. No.	Bon de commande Client Customer Purchase Order No.				
19-Jul-2019		Jigar Patel		POHB043957				
#Ligne Line#	No. de Série / # Pièce Part Number /Line Item Details Job # / Ref #	Description pièce(s)	CATG. U/M	Comm. /Ordered	Exp/ Shipped	Qté NC/ NG Qty	Qté Scrap/	À venir/ Back Order
✓ 1	RBE350A94-3700-C-01 REWORK Rev.	RBE350A94-3700-C-01 REWORK SAND BLAST ALL OVER BLACK OXIDE MIL-C-13924C, CLASS 1 APPLY THIN LAYER OF OIL /CPC PER MIL-PRF-16173 GRADE 3 CLASS 1 OR MIL-C-81309 TYPE3 OR MILL-C23411A OR MIL-PRF-81309 AND WIPE OF EXCESS	BLACK-OXIDE N/C	7	7 ✓	0	0	0
✓ 2	RB877206-5-1 Rev.	RB877206-5-1 SAND BLAST ALL OVER OXIDE BLACK [OXIDE BLACK] MIL-C-13924C CLASS 1	OXIDE-BLACK CH	8	8 ✓	0	0	0
✓ 3	RBD29905-11 Rev.	RBD29905-11 SAND BLAST ALL OVER OXIDE BLACK [OXIDE BLACK] SPÉC: MIL-C-13924C, CLASS 1 ***	BLACK-OXIDE CH	8	8 ✓	0	0	0
✓ 4	RBD29905-13 Rev.	RBD29905-13 SAND BLAST ALL OVER OXIDE BLACK [OXIDE BLACK] SPÉC: MIL-C-13924C, CLASS 1 ***	BLACK-OXIDE CH	8	8 ✓	0	0	0
✓ 5	RBE350A94-2706-00-01 Rev.	RBE350A94-2706-00-01 SAND BLAST ALL OVER OXIDE BLACK [OXIDE BLACK] MIL-C-13924C CLASS 1	OXIDE-BLACK CH	32	32 ✓	0	0	0
✓ 6	RBIR7028-1 Rev.	RBIR7028-1 SAND BLAST ALL OVER OXIDE-BLK & OIL [OXIDE BLACK AND OIL] APPLY THIN LAYER OF OIL /CPC PER MIL-PRF-16173 GRADE 3 CLASS 1 OR MIL-C-81309 TYPE3 OR MILL-C23411A OR MIL-PRF-81309 AND WIPE OF EXCESS	OXIDE-BLACK CH	9	9 ✓	0	0	0
✓ 7	RBIR7028-3 Rev.	RBIR7028-3 SAND BLAST ALL OVER OXIDE-BLK & OIL [OXIDE BLACK AND OIL] APPLY THIN LAYER OF OIL /CPC PER MIL-PRF-16173 GRADE 3 CLASS 1 OR MIL-C-81309 TYPE3 OR MILL-C23411A OR MIL-PRF-81309 AND WIPE OF EXCESS	OXIDE-BLACK CH	9	9 ✓	0	0	0

DA
8
9-8

RECEIVED
JUL 19 2019
DART AEROSPACE LTD.

DAS
81
9-89

RECEIVED
 JUL 19 2019
 DART AEROSPACE LTD.

(020660-1)

020660 - 1

BUYER:

Page 2 of 2